



Dart Aerospace Ltd.
1270 Aberdeen St
Hawkesbury, ON
K6A 1K7
Canada

Tel (613) 632-5200
Fax 613 632-5246

RB AN8514-1
Job Sheet 183743



Part No: RB AN8514-1

Job Qty: 10 ea

Part Name: 3/8" Drive Adjustment Spanner



DAS
21
9-89

Part Weight: 0 lbs

Status: Scheduled

Priority: Medium

Job Created: 9/25/18

Job Tracking No:

Due Date: 10/12/18

Created By: Marie Lajeunesse

Type: SOLD

Description:

Note: DWG RB AN8514 Rev 4 IPP Rev A 18.01.18 New issue DP Verify DD

Ship Via:

Bill of Materials

Job Routing

Op No	Operation	Qty	Start Date	Due Date	Standard		Workcenter/Supplier		Sign-off
					Setup hrs	Run Hrs	Workcenter / Supplier	Lead Time	
90	Start up Operation	10 Ea		10/12/18	0.00	0.00	Start Up Small Fab-2		MLL
110	Small Fab	10 pcs		10/12/18	0.00	10.00	Small Fab-2		MLL DAS
120	QC	10 pcs		10/12/18	0.00	0.00	QC5		NOV 05 2018 68
130	Packaging	10 pcs		10/12/18	0.00	0.00	Packaging3-1		MLL 9-89
140	QC21-SA	10 Ea		10/12/18	0.00	0.00	QC21		21 NOV 07 2018

Part Op 110 - Assemble as per DWG. Sheet 1. Using RB AN8514-1 /-2/-3/-4 -RB AN8514-1 /-5/-6/-7 Gets packaged with
Descriptions: assembly

130 - -RB AN8515-1 /-5/-6/-7 Gets packaged with assembly

Job BOM

Part / Item	Component Name	Quantity	Operation	Container
RB AN8514-1-2	Wrench Handle	10 Ea (1 ea)	90-Start up Operation	5043475
RB AN8514-1-3	Bolt	10 Ea (1 ea)	90-Start up Operation	5067197 5048086
RB AN8514-1-4	Arm, Adjustable Spanner Wrench	10 Ea (1 ea)	90-Start up Operation	5046477
RB AN8514-1-5	Arm, Adjustable Spanner Wrench	10 Ea (1 ea)	90-Start up Operation	5060108 5043481
RB AN8514-1-6	Arm, Adjustable Spanner Wrench	10 Ea (1 ea)	90-Start up Operation	5043483
RB AN8514-1-7	Arm, Adjustable Spanner Wrench	10 Ea (1 ea)	90-Start up Operation	5116461

Job Allocations

Operation	Component Part	Required	Inventory	Allocated
90-Start up Operation	RB AN8514-1-2	10	1	0
	RB AN8514-1-3	10	4	0
	RB AN8514-1-4	10	4	0
	RB AN8514-1-5	10	1	0
	RB AN8514-1-6	10	1	0
	RB AN8514-1-7	10	0	0

Part Specifications

Specifications could not be found.

DQA: _____ Date: _____



WORK ORDER NON-CONFORMANCE / UPDATE

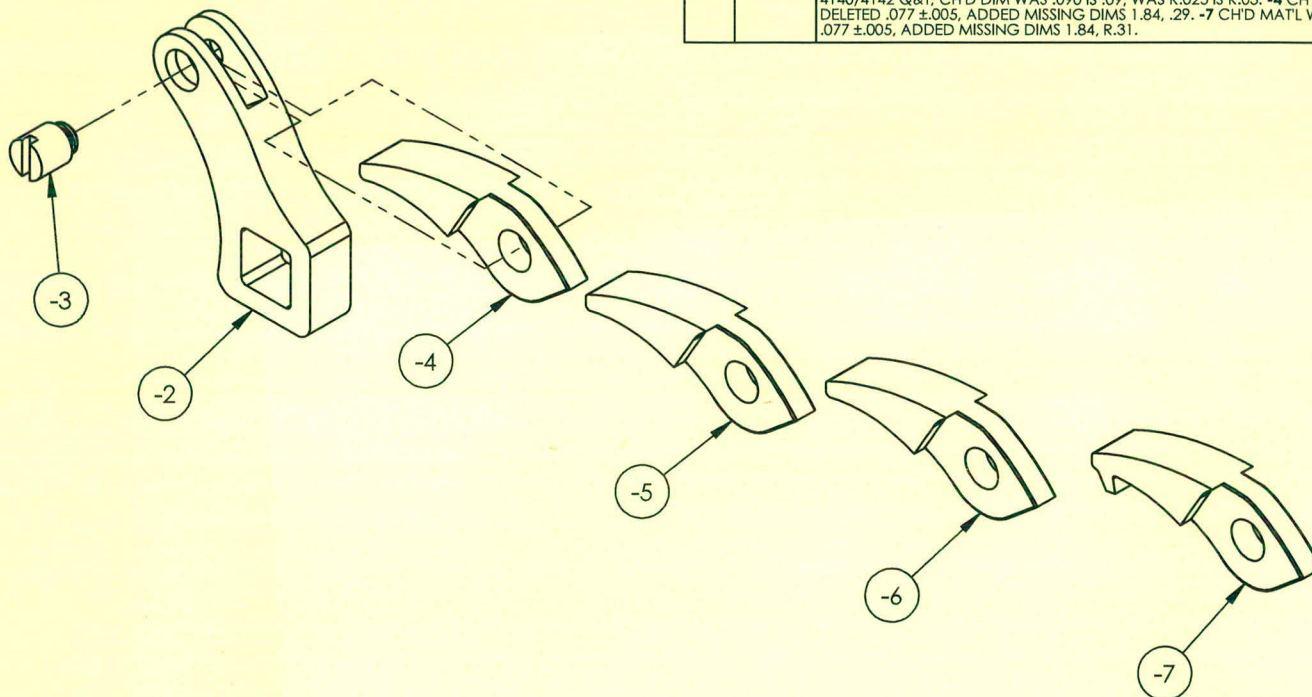
QA Closed: _____ Date: _____

Work Order update only ☐

Work Order: _____ Part No. _____ NCR No. _____	DISPOSITION Rework ☐ Scrap ☐ Use-as-is ☐ Suspected Unapproved ☐	AGAINST DEPARTMENT/PROCESS Skid-tube ☐ Machining ☐ Thermoforming ☐ Large Fab ☐ Cross tube ☐ Small Fab ☐ Finishing ☐ Composite ☐ Water Jet ☐ Prod. Eng. Coord. ☐ Rec/Store/Packaging ☐ Supplier ☐ Engineering ☐ Quality ☐ Other ☐			
Date :	Step #:	QTY Effective :		MRB (QSI042) Approval	
Description Work Order Deviation		Disposition		Completed By	
				Lead hand / Supervisor Approval Verification	
				QC / QA Coordinator Approval	
Root Cause		FAULT CATEGORY			
Environment ☐	No Re-verification ☐	Pressure/Forced ☐	Temperature/Cure ☐	Power Loss/Surge ☐	Positioned Wrong ☐
Design ☐	Operator ☐	Bending ☐	Set-up ☐	Folio/Program ☐	Outside Dimensions ☐
Doc/Data ☐	Offset/Setup ☐	Centre Not Concentric ☐	BOM/Route ☐	Grain ☐	Over/Under tolerance ☐
Equip/Tooling ☐	Supplier ☐	Cracks ☐	Broken/Damage/Defect ☐	Weld ☐	Part Incorrect ☐
Handling/Pre ☐	Training ☐	Crimp/Kink/Ripple/Wave ☐	Inspection Incomplete/Unqualified ☐	Wrong Stock Pulled ☐	Part Lost/Missing ☐
Material ☐	Use for Testing ☐	Cuffs ☐	Contamination ☐	Out of Sequence ☐	Part Moved ☐
Internal Transport ☐	Poor Information ☐	Crushing ☐	Countersink ☐	Off-set ☐	Drawing ☐
Tribal Knowledge ☐	Rushing ☐	Heat Treat ☐	Cut Too Short ☐	Mislabeled ☐	Finish ☐
LOA ☐	Product Improvement ☐	Wave/Twist in Tube ☐	Instructions Incomplete/Unclear ☐	Fit/Function ☐	Misread ☐
Substation ☐	Process Improvement ☐	Marks/Chatter ☐	Drill Holes ☐	Misaligned/off center ☐	Turning Sequence ☐
Past Expiry Date ☐	Manufacturing Process ☐				
Misidentified ☐	Past Due ☐	OTHER :			

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REVISIONS					
REV	ECR	DESCRIPTION	DATE	INITIAL	APPROVED
A		CH'D TITLEBLOCK AND REVISION BLOCK.	8/3/2009	RJC	RW
B		CH'D T/N FROM AN8514-1, CH'D ENGRAVE NOTES.	8/3/2009	RJC	RW
C		ARM & -2 ADDED MISSING DIMS, CH'D SOME DIM PRECISION TO MATCH INFO REC'D. ADDED ASSY VIEW AND TABLE SHEET 4.	1/10/2011	RJC	SE
4	16-0046	UPDATED TO NEW STANDARDS. ADDED USED ON MODELS TO ALL DWG SHEETS. DELETED NOTES 1 & 2 SHEET 1. -2 CH'D MAT'L WAS 4140 IS 4140/4142, ADDED MISSING DIM'S 2X R.010 MAX. .14 & .10. .18, CH'D DIMS WAS .384-.379 IS 2X .383-.378, DELETED .024 X 45°. -3 CH'D MAT'L WAS 4140 Q&T IS 4140/4142 Q&T, CH'D DIM WAS .090 IS .09, WAS R.025 IS R.03. -4 CH'D MAT'L WAS 4140 IS 4140/4142, DELETED .077 ±.005, ADDED MISSING DIMS 1.84, .29. -7 CH'D MAT'L WAS 4140 IS 4140/4142, DELETED .077 ±.005, ADDED MISSING DIMS 1.84, R.31.	3/1/2016	RJC	JAG



SHOP COPY
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 SUBJECT TO AMENDMENT
 WITHOUT NOTICE
 WORK ORDER
 NO. 183744
 1809-25

NOTE:
REF. BELL T/N AN8514-1.

DART AEROSPACE	
TITLE ADJUSTABLE SPANNER WRENCH	
DWG NO. RB AN8514-1	REV 4
MAT'L HEAT TREAT FINISH SPEC	UNLESS OTHERWISE SPECIFIED DIMENSIONS ARE IN INCHES .XXX ± .005 FRACTIONS ± 1/8 .XX ± .01 ANGLES ± .5° .X ± .1 SURFACES = 125/✓
DRAWN BY: COLE	1. BREAK ALL SHARP EDGES .015 x 45° OR .015R
CHECKED: DUERFELDT	2. DIMENSIONAL LIMITS APPLY AFTER PLATING
OPPS APPR: ANDERSON	3. INTERPRET DIM AND TOL PER ASME Y14.5M-2009
QA APPR: LINDSAY	USED ON MODEL
APPROVED: GILBERT	BELL 212, 230, 407, 412, 430
SCALE 1:1	DATE 6/26/2000
SHEET 1 OF 5	

ASSY QTY	ASSY QTY	B/O	Part #	UNIT QTY	Description	Material	B/O INFORMATION OR SPECIFICATIONS	PG.
			-2	1	HANDLE	4140/4142		2
			-3	1	BOLT	4140/4142 Q & T		3
			-4	1	ARM	4140/4142		4
			-5	1	ARM	4140/4142		4
			-6	1	ARM	4140/4142		4
			-7	1	ARM	4140/4142		5



Container No: S124339



Part: RB AN8514-1

Job No: 183743

Serial No/Batch: S124339

Revision: 4

Inspector:

Exp Date:

Instructions:

Dart Aerospace Ltd.
1270 Aberdeen Street
Hawkesbury, ON K64 1K7
CANADA
TEL.: 1 613 632-5200
Email: sales@dartaero.com
www.dartaerospace.com

Date: 11/03/18